Fast Recycler Transfers Documentation

Created by Brian Drendel 4-25-05
Last Edit by Brian Drendel 4-25-05
Send suggestions and comments to ad-pbar-tuning-adminNOSPAM@fnal.gov (remove "NOSPAM")

Sequencer: Pbar Annex

Fast Recycler Aggregate: **Recycler Prepare to Shoot**

Previous Aggregate: Recycl Continue Shot set up

Purpose of this Aggregate:

How to get back to stacking form here:

```
::: ACKNOWLEDGE D
::: SET_SEQ FILE 80 .

    A:ISHUTO SET TIMER REFER 0F ok
    A:ESHUTO SET TIMER REFER 0F ok
    A:ISHUTO TURN DEVICE ON ok
    A:ESHUTO TURN DEVICE ON ok
    A:ISHUTC TURN DEVICE OFF ok
    A:ESHUTC TURN DEVICE OFF ok

::: SET_SEQ FILE 81 .

    A:ISHUTO SET TIMER REFER 90 ok
    A:ESHUTO SET TIMER REFER 90 ok

::: SET_DEVICE A:CNFRQU A:CENFRQ .
::: SET_DEVICE A:R2DDS1 A:CNFRQU .
::: SET_SEQ FILE 82 .

    a:r2cwt1 SET TIMER REFER 0F ok
    a:r2cwt1 SET DEVICE 0 ok
    a:r2cwt2 SET TIMER REFER 0F ok
    a:r2cwt2 SET DEVICE 0 ok
    A:IBMS1 REMOVE TIMER EVNT 80 ok
    A:IBMS2 REMOVE TIMER EVNT 80 ok

::: INSTRUCT 272 D
::: START_PGM P2 .
```
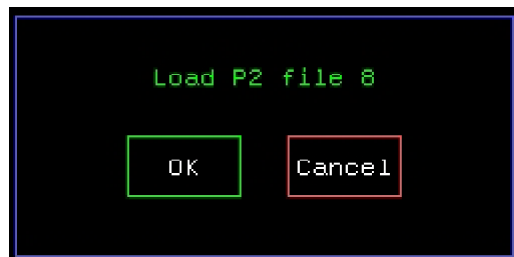
```
        Load P2 file 8

        OK        Cancel
```

```
::: ACKNOWLEDGE .
::: WAIT_FOR SECS 5 .
::: SET_DEVICE A:R2DDS1 +=2 .
::: CTLIT_DEVICE A:CMPS01 OFF .
::: CTLIT_DEVICE A:CPPS01 OFF .
::: SETIT_DEVICE A:VSAPRC =3 .
::: CHECK_DEVICE I:VATQFO SAVE_SET D
::: CHECK_DEVICE A:R4MIPS SAVE_SET .
::: CHECK_DEVICE A:R1LLPS SAVE_SET .
::: CHECK_DEVICE A:R4CDPS SAVE_SET .
```

```
:::  CHECK_DEVICE A:R4BKMP SAVE_SET .
:::  CHECK_DEVICE A:R4BKMX SAVE_SET .
:::  CHECK_DEVICE A:R4PHRG SAVE_SET .
:::  SETIT_DEVICE I:VATQFO =6.83 D
:::  SETIT_DEVICE A:R4MIPS =-105 .
:::  SETIT_DEVICE A:R1LLPS =60 .
:::  SETIT_DEVICE A:R4CDPS =5 .
:::  SETIT_DEVICE A:R4CDPS =-25 .
:::  SETIT_DEVICE A:R4BKMP =-553 .
:::  SETIT_DEVICE A:R4BKMX = 4 .
:::  SETIT_DEVICE A:R4PHRG = 600 .
:::  SETIT_DEVICE A:BMFRAC = 0.96 .
```

```
     Move on the the appropriate unstacking aggregate.
For pbars to the Recycler use Recycler Unstack & Transfer,
for Fast Recycler shots use Fast Recycler Shoot.

            Interrupt anywhere in this box to continue.
```

ok INSTRUCT 348 .

Fast Recycler Aggregate:Recycler Prepare to Shoot has been completed.
Next Aggregate: Fast Recycler Shoot
How to get back to stacking form here: